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ALL STATE LEGAL SUPPLY CO 1-800-222-2610



CERRO COPPER PRODUCTS CO.

P.O. Box 66800

St. Louis, MO 63166-6800

618/337-6000

August 14, 1990

CERTIFIED MAIL

Mr. Paul Takacs, Project Manager
Federal Site Management Unit
Remedial Project Management Section
Division of Land Pollution Control
Illinois Environmental Protection Agency
P. O. Box 19276
2200 Churchill Road
Springfield, IL 62794-9276

Mr. James L. Morgan
Assistant Attorney General
Environmental Control Division
Illinois Attorney General's Office
500 South Second Street
Springfield, IL 62706

RE: Monthly Progress Report - July 1990
Dead Creek - Segment A Remediation Activity
Cerro Copper Products Co.
Sauget, IL

Gentlemen:

In accordance with Section 6, Plans & Reports, of the Consent Decree signed on July 5, 1990, Cerro submits the following monthly progress report for July 1990.

I. ACTIVITIES CONDUCTED DURING JULY

- a) Consent Decree was entered on July 5, 1990.
- b) Perland Environmental Technologies design/engineering efforts continued to prepare bid documents for the Transportation and Disposal Contract and the Excavation, Dewatering, Loading, Vapor Barrier and Backfilling Contract. The draft transportation and disposal bid documents were completed on July 25, 1990 and submitted to Cerro for review.
- c) Perland mobilized for the sediment dewatering test and additional sediment characterization on July 6, 1990. Mobilization included setting up trailers, preparing a field work plan, field Health & Safety, field sampling procedure, fence installation and the rainwater diversion trench construction.
- d) The sediment dewatering tests began on July 16, 1990. These tests include the excavation of the sediment to the Cahokia Unit and the placement of the sediment on a bed of sand constructed within the confines of the creek banks. The tests are being used to determine the methods of excavation and dewatering. In addi-

CERRO COPPER PRODUCTS CO.

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August 14, 1990

Page 2

tion to the dewatering tests, air monitoring samples are being taken by Perland during the excavation. Perland's daily operations and health and safety reports of the testing are attached.

- e) The depth of the sediment in the creek was confirmed at 50 foot intervals. Samples of the sediment were taken at that time and submitted for analysis of PCB's and TCLP metals to better characterize the extent of contamination. Results of the depth and analysis were provided to IEPA on August 1, 1990.
- f) Public notifications were sent to State and local officials, and potentially affected parties on July 27, 1990.
- g) Pertinent documents were sent to the Cahokia Library and a request for a public access file was made on July 30, 1990.
- h) Public notices were submitted to local newspapers on July 31, 1990.
- i) The permit application for a Water Quality Certification was submitted to the IEPA on July 16, 1990.

II. WORK PLANNED FOR AUGUST 1990

- a) Submit bid documents to disposal and transportation contractor (T&D) by August 1, 1990.
- b) Provide samples to T&D bidders.
- c) Pre-bid meeting on August 8, 1990 for T&D contractors.
- d) Receive bids by August 17, 1990 from T&D contractors.
- e) Award contract on August 21, 1990 for T&D.
- f) Completion of drafts - Project Work Plan, Health & Safety Plan, QAAP and Sampling Plan by August 8, 1990.
- g) Submit Item F to IEPA for approval when completed.
- h) Submit Item F to remedial contractors (RC) and T&D.
- i) Submit bid documents to remedial contractors for the excavation, dewatering, loading, vapor barrier and backfilling by August 15, 1990.

CERRO COPPER PRODUCTS CO.

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August 14, 1990

Page 3

- j) Pre-bid meeting on August 21, 1990 for RC.
- k) Receive bids by August 28, 1990 from RC.
- l) Award contract on August 31, 1990 to RC.
- m) Continue excavation and dewatering.

III. PROBLEM AREAS

- a) It was determined during the initial stages of the dewatering that the sediment would not form piles upon itself, consequently a method to pile the sediment was devised by Perland. The sediment would be excavated and placed within the creek 50 to 100 feet away from the excavation site by a clam bucket on the end of a crane. When the bucket felt the top of the Cahokia Unit, a large backhoe would clean the top of the Cahokia unit 6 to 12 inches deep. The operator knows he is to the Cahokia Unit by the feel of the machine, the earlier measured depth of the sediment and the visual appearance of the material being brought up in the bucket. Once the bottom of the sediment was confirmed, a layer of sand is placed into the creek to elevation 402 to form a bowl and sediment is then placed on to the sand for dewatering.
- b) In accordance with Section 15, Paragraph 17B, Cerro is notifying the IEPA of potential delays in the dewatering of the sediment. The natural dewatering of sediment has been going slower than expected and it was determined that in order not to jeopardize the completion of the project, Perland will continue to excavate and dewater the sediment while bidding for the completion of the remedial work will continue. Another benefit for continuing the excavation is that disposal companies require samples and more exact profiles of the material to be disposed in order for them to bid and accept the sediment for disposal. The continued excavation and dewatering provides them this opportunity.

IV. PROJECT SCHEDULE

A revised schedule is attached.

The transportation and disposal contract is on schedule and the remedial contract is two weeks behind schedule. Because of Perland continuing with the excavation and dewatering, the remedial contract schedule dates are not as urgent and the excavation and dewatering activity is three to four weeks ahead of schedule. However, it is

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August 14, 1990

Page 4

felt that the additional time will be used as a result of the longer
dewatering period as discussed above.

Very truly yours,

CERRO COPPER PRODUCTS CO.



Joseph M. Grana
Manager of Environmental
and Energy Affairs

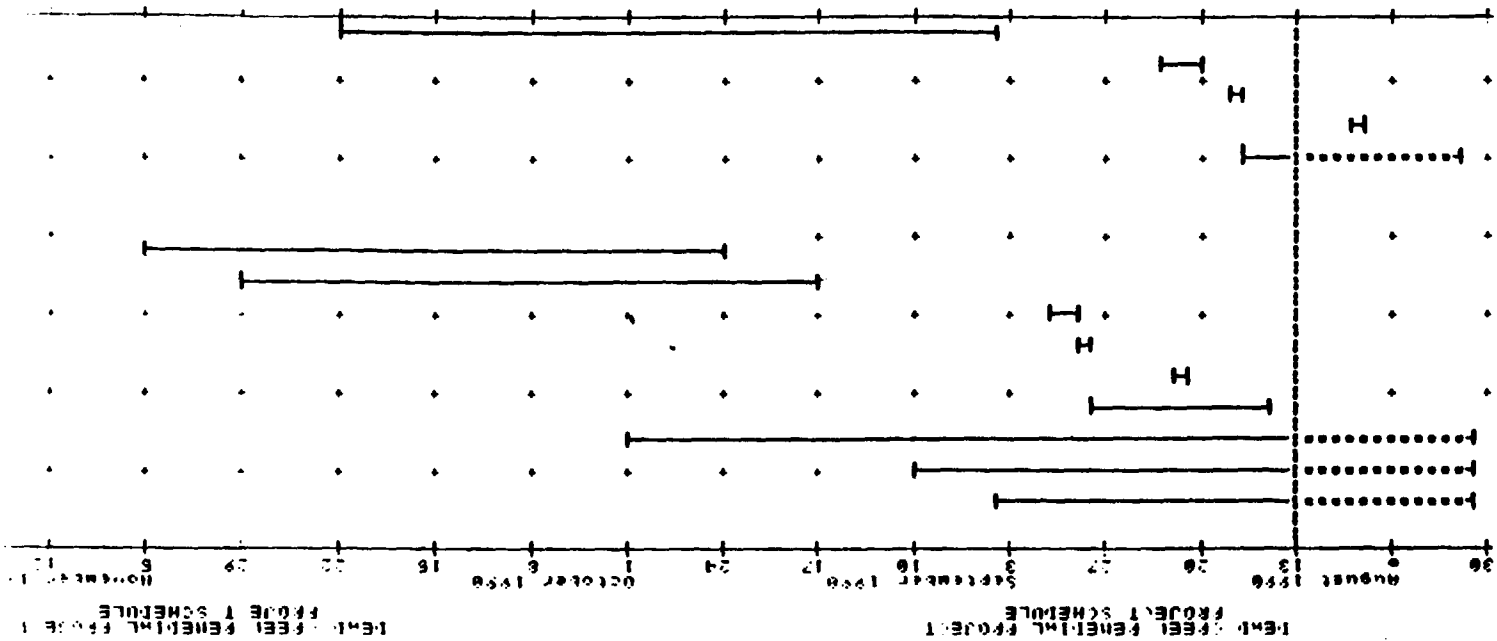
JMG/ge

cc: Cahokia Library

bcc: H. L. Schweich
P. Tandler
M. Rodburg, Esq.
R. Avendt
~~REDACTED~~

Bruce Miller, Perland

RENUM 034006



RECESSION WORK
EXCAVATION TO ELEVATION 402.7
SEGMENT BEING
DOCUMENTS FOR FENCELINE CONTRACTOR
FEEL MEETING FOR FC
LEAD FENCELINE CONTRACT
PROF BARRIER INSTALLATION
EMERGENCY ELEVATION 402.7 - 410.7
TRANSFORMATION & DISPOSAL WORK
FEEL DOCUMENTS TO TCD
FEEL MEETING FOR TCD
LEAD FENCE FOR TCD
LEAD TCD CONTRACT
TRANSFERT & DISPOSAL OF SEGMENT